

**Section–C** **2×16=32**

**(Long Answer Type Questions)**

*Note* :- Answer any *two* questions. You have to delimit your each answer maximum up to **500** words. Each question carries 16 marks.

10. What is Event Handler in JavaScript ? Explain various Event Handler available in JavaScript with suitable example.
11. Explain the process of building a web application using the MVC Architecture.
12. Explain the Working of Search Engines and the techniques for Search Engine Optimization (SEO).
13. How does PHP support Object Oriented Programming? Explain with suitable examples.

## **MCA–304**

**June – Examination 2023**

**MCA (IIIrd Year) Examination**

**Advance Web Technology**

**Paper : MCA-304**

*Time : 3 Hours ]*

*[ Maximum Marks : 80*

*Note* :- The question paper is divided into three Sections A, B and C. Write answers as per the given instructions.

**Section–A**

**8×2=16**

**(Very Short Answer Type Questions)**

*Note* :- Answer all questions. As per the nature of the question delimit your answer in one word, one sentence or maximum up to **30** words. Each question carries 2 marks.

1. (i) What is the purpose of Firewall ?

- (ii) What is XMLHttpRequest Object in Ajax. ?  
Give an example.
- (iii) List some new elements present in HTML5 with its usage.
- (iv) What is XAMPP ?
- (v) Write the syntax of SELECT Query Statement. Also give the example.
- (vi) List basic characteristics of Cloud Computing.
- (vii) What is Apache ?
- (viii) What do you mean by MVC ?

**Section-B** **4×8=32**

**(Short Answer Type Questions)**

**Note** :- Answer any *four* questions. Each answer should not exceed **200** words. Each question carries 8 marks.

2. What is HTML form Tag ? Discuss different input tags for form tag with suitable example.

- 3. Describe dialog boxes (alert box, confirm box and prompt box) in JavaScript with suitable examples.
- 4. How can you manipulate the DOM using J Query? Give an example of appending an element to a container.
- 5. What is the HTML 5 Client Side Web Storage API? Explain with examples.
- 6. Explain different types of Deployment Model in Cloud Computing.
- 7. What is CSS ? Explain its role in Web Development. Differentiate between Inline, Internal and External CSS Styles with examples.
- 8. Write a PHP program to generate a random password of a specified length.
- 9. Discuss the role of cookies and sessions in Web Development (w.r.t. PHP) with suitable examples.